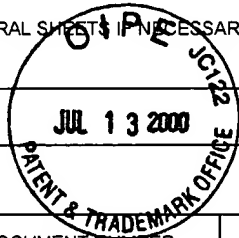


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT.065A	APPLICATION NO. 09/272,835
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT DeSavage et al.	
		FILING DATE March 19, 1999	GROUP 1644 1647



U.S. PATENT DOCUMENTS

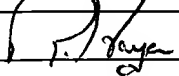
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
REL	Kammer et al., "Homodimerization of Interleukin-4 Receptor α Chain Can Induce Intracellular Signaling" <u>JOURNAL OF BIOLOGICAL CHEMISTRY</u> Vol. 271, No. 39:23634-23637 (1996).
↓	Claesson-Welsh, "Signal Transduction by the PDGF Receptors" <u>PROGRESS IN GROWTH FACTOR RESEARCH</u> Vol. 5:37-54 (1994).
no copy	Nakamura et al., "An Epidermal Growth Factor Receptor/Jak2-Tyrosine Kinase Domain Chimera Induces Tyrosine Phosphorylation of Stat5 and Transduces a Growth Signal in Hematopoietic Cells" <u>JOURNAL OF BIOLOGICAL CHEMISTRY</u> Vol. 271:19488-19488 (1996).

W:\DOCS\GRD\GRD-2870.DOC
071000

EXAMINER 	DATE CONSIDERED 10/17/00
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. Dept. of Commerce
Patent and Trademark Office

OCT 18 1999

PATENT & TRADEMARK OFFICE

Atty Docket No.

P1268R1

Serial No.

09/272,835

Applicant

de Sauvage et al.

Filing Date

19 Mar 1999

Group

1643 1647

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date
RCN	1	5,709,858	20.01.98	Godowski et al.	424	143.1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Class	Subclass	Translation Yes	No
RCN	2	307,247	15.03.89	EPO			
	3	846,764	10.06.98	EPO			
	4	WO 93/06116	01.04.93	PCT			
	5	WO 97/33912	18.09.97	PCT			
	6	WO 97/44356	27.11.97	PCT			
	7	WO 98/53069	26.11.98	PCT			
	8	WO 98/54213	03.12.98	PCT			

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

RCN	9	Arenas et al., "GDNF Prevents Degeneration and Promotes the Phenotype of Brain Noradrenergic Neurons in Vivo" <u>Neuron</u> 15:1465-1473 (1995).
	10	Baloh et al., "Artemin, a novel member of the GDNF ligand family, supports peripheral and central neurons and signals through the GFRα3-RET receptor complex" <u>Neuron</u> 21(6):1291-1302 (Dec 1998).
	11	Beck et al., "Mesencephalic dopaminergic neurons protected by GDNF from axotomy-induced degeneration in the adult brain" <u>Nature</u> 373:339-341 (1995).
	12	Berkemeier et al., "Neurotrophin-5: A Novel Neurotrophic Factor That Activates trk and trkB" <u>Neuron</u> 7:857-866 (November 1991).
	13	Bolivar et al., "Construction and Characterization of New Cloning Vehicles. II. A Multipurpose Cloning System" <u>Gene</u> 2:95-113 (1977).
	14	Buj-Bello et al., "GDNF Is an Age-Specific Survival Factor for Sensory and Autonomic Neurons" <u>Neuron</u> 15:821-828 (1995).
	15	Cash et al., "Parkinson's disease and dementia: Norepinephrine and dopamine in locus ceruleus" <u>Neurology</u> 37:42-46 (1987).
	16	Chan-Palay et al., "Alterations in Catecholamine Neurons of the Locus Coeruleus in Senile Dementia of the Alzheimer Type and in Parkinson's Disease With and Without Dementia and Depression" <u>The Journal of Comparative Neurology</u> 287:373-392 (1989).
	17	Durbec et al., "GDNF signalling through the Ret receptor tyrosine kinase" <u>Nature</u> 381:789-793 (1996).
	18	Hefti, F., "Nerve Growth Factor Promotes Survival of Septal Cholinergic Neurons After Fimbrial Transections" <u>J. of Neuroscience</u> 6(8):2155-2162 (August 1986).
	19	Henderson et al., "GDNF: A Potent Survival Factor for Motoneurons Present in Peripheral Nerve and Muscle" <u>Science</u> 266:1062-1064 (1994).
	20	Heumann, R., "Regulation of the Synthesis of Nerve Growth Factor" <u>J. Exp. Biol.</u> 132:133-150 (1987).
	21	Hirano, A., "Cytopathology of Amyotrophic Lateral Sclerosis" <u>Advances in Neurology: Amyotrophic Lateral Sclerosis and Other Motor Neuron Diseases</u> , Lewis P. Rowland, Raven Press, Ltd., Chapter 8, Vol. 56:91-101 (1991).

Examiner

RCN

Date Considered

10/17/00

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. P1268R1	Serial No. 09/272,835
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)				Applicant de Sauvage et al.	
				Filing Date 19 Mar 1999	Group 1643 1647
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
22	Hirsch et al., "Melanized dopaminergic neurons are differentially susceptible to degeneration in Parkinson's disease" <u>Nature</u> 334:345-348 (1988).				
23	Holmes et al., "Structure and Functional Expression of a Human Interleukin-8 Receptor" <u>Science</u> 253(5025):1278-1280 (Sep 13, 1991).				
24	Hornykiewicz, O., "Neurochemical Pathology and the Etiology of Parkinson's Disease: Basic Facts and Hypothetical Possibilities" <u>Mt. Sinai J. Med.</u> 55:11-20 (1988).				
25	Jing et al., "GDNF-Induced Activation of the Ret Protein Tyrosine Kinase Is Mediated by GDNFR- α , a Novel Receptor for GDNF" <u>Cell</u> 85:1113-1124 (1996).				
26	Jing et al., "GFR α -2 and GFR α -3 Are Two New Receptors for Ligands of the GDNF Family" <u>Journal of Biological Chemistry</u> 272(52):33111-33117 (Dec 26, 1997).				
27	Kaisho et al., "Cloning and expression of a cDNA encoding a novel human neurotrophic factor" <u>FEBS Letters</u> 266(1,2):187-191 (June 1990).				
28	Kearns et al., "GDNF protects nigral dopamine neurons against 6-hydroxydopamine in vivo" <u>Brain Research</u> 672:104-111 (1995).				
29	Kotzbauer et al., "Neurturin, a relative of glial-cell-line-derived neurotrophic factor" <u>Nature</u> 384:467-470 (1996).				
30	Leibrock et al., "Molecular Cloning and Expression of Brain-derived Neurotrophic Factor" <u>Nature</u> 341:149-152 (September 14, 1989).				
31	Lin et al., "GDNF: A Glial Cell Line-Derived Neurotrophic Factor for Midbrain Dopaminergic Neurons" <u>Science</u> 260:1130-1132 (1993).				
32	Maisonpierre et al., "Neurotrophin-3: A Neurotrophic Factor Related to NGF and BDNF" <u>Science</u> 247:1446-1451 (March 23, 1990).				
33	Marcyniuk et al., "The Topography of Cell Loss from Locus Caeruleus in Alzheimer's Disease" <u>J. Neurol. Sci.</u> 76:335-345 (1986).				
34	Melton et al., "Efficient in vitro synthesis of biologically active RNA and RNA hybridization probes from plasmids containing a bacteriophage SP6 promoter" <u>Nucleic Acids Research</u> 12(18):7035-7056 (Sep 25, 1984).				
35	Moore et al., "Renal and neuronal abnormalities in mice lacking GDNF" <u>Nature</u> 382:76-79 (1996).				
36	Oppenheim et al., "Developing motor neurons rescued from programmed and axotomy-induced cell death by GDNF" <u>Nature</u> 373:344-346 (1995).				
37	Phillips et al., "Widespread expression of BDNF but not NT3 by target areas of basal forebrain cholinergic neurons" <u>Science</u> 250(4978):290-294 (Oct. 12, 1990).				
38	Pichel et al., "Defects in enteric innervation and kidney development in mice lacking GDNF" <u>Nature</u> 382:73-76 (1996).				
39	Rosenthal et al., "Primary Structure and Biological Activity of a Novel Human Neurotrophic Factor" <u>Neuron</u> 4:767-773 (May 1990).				
40	Ruppert et al., "Cloning and Expression of Human TAF _{II} 250: a TBP-associated Factor Implicated in Cell-cycle Regulation" <u>Nature</u> 362:175-179 (1993).				
41	Sanchez et al., "Renal agenesis and the absence of enteric neurons in mice lacking GDNF" <u>Nature</u> 382:70-73 (1996).				
Examiner <i>P. J. Mayer</i>		Date Considered 10/17/00			

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

